



#2
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/r0/060,830

DATE: 02/25/2002

TIME: 10:37:52

Input Set : D:\pto_PB0169.txt

Output Set: N:\CRF3\02252002\J060830.raw

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1 <110> APPLICANT: Gu, Yizhong
2     Nguyen, Cung-Tuong
4 <120> TITLE OF INVENTION: HUMAN LCCL DOMAN CONTAINING PROTEIN
6 <130> FILE REFERENCE: PB0169
C--> 8 <140> CURRENT APPLICATION NUMBER: US/10/060,830
C--> 8 <141> CURRENT FILING DATE: 2002-01-30
9 <150> PRIOR APPLICATION NUMBER: PCT/US01/00667
9 <151> PRIOR FILING DATE: 2001-01-30
11 <150> PRIOR APPLICATION NUMBER: PCT/US01/00664
12 <151> PRIOR FILING DATE: 2001-01-30
14 <150> PRIOR APPLICATION NUMBER: PCT/US01/00669
15 <151> PRIOR FILING DATE: 2001-01-30
17 <150> PRIOR APPLICATION NUMBER: PCT/US01/00665
18 <151> PRIOR FILING DATE: 2001-01-30
20 <150> PRIOR APPLICATION NUMBER: PCT/US01/00668
21 <151> PRIOR FILING DATE: 2001-01-30
23 <150> PRIOR APPLICATION NUMBER: PCT/US01/00663
24 <151> PRIOR FILING DATE: 2001-01-30
26 <150> PRIOR APPLICATION NUMBER: US 09/864,761
27 <151> PRIOR FILING DATE: 2001-05-23
29 <150> PRIOR APPLICATION NUMBER: US 60/325,062
30 <151> PRIOR FILING DATE: 2001-09-25
32 <160> NUMBER OF SEQ ID NOS: 1123
34 <170> SOFTWARE: Aeomica Sequence Listing Engine
36 <210> SEQ ID NO: 1
37 <211> LENGTH: 2280
38 <212> TYPE: DNA
39 <213> ORGANISM: Homo sapiens
41 <400> SEQUENCE: 1
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43 tcctcctcct tctccatgcc tctgttcctc ctgctcttac ttgtcctgct cctgctgctc 120
44 gaggacgctg gagcccagca aggtgatgga tgtggacaca ctgtactagg cctgagagt 180
45 ggaaccctta catccataaa ctaccacag acctatccca acagcactgt ttgtgaatgg 240
46 gagatccgtg taaagatggg agagagagtt cgcacaaat ttggtgactt tgacattgaa 300
47 gattctgatt cttgtcactt taattacttg agaatttata atggaattgg agtcagcaga 360
48 actgaaatag gcaaatactg tggctctggg ttgcaaata accattcaat tgaatcaaaa 420
49 ggcaatgaaa tcacattgct gttcatgagt ggaatccatg tttctggacg cggatttttg 480
50 gcctcatact ctgttataga taaacaagat ctaattactt gtttggacac tgcattccaa 540
51 tttttggaac ctgagttcag taagtactgc ccagctgggt gtctgcttcc ttttgcctgag 600
52 atatctggaa caattcctca tggatataga gattcctcgc cattgtgcat ggctggtgtg 660
53 catgcaggag tagtgtcaaa cagcttgggc ggccaaatca gtgttgtaat tagtaaggt 720
54 attccctatt atgaaagtgc tttggctaac aacgtcacat ctgtggtggg acacttatct 780
55 acaagtcttt ttacatttaa gacaagtgga tgttatggaa cactggggat ggagtctggt 840

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57 caagagaaca gttggaaacc caaaaaagcc aggttgaaaa aacctggacc gccttgggct 960
58 gcttttgcca ctgatgaata ccagtggta caaatagatt tgaataagga aaagaaaata 1020
59 acaggcatta taacctactg atccaccatg gtggagcaca attactatgt gtctgcctac 1080
60 agaatacctgt acagtgatga tgggcagaaa tggactgtgt acagagagcc tgggtgtggag 1140
61 caagataaga tttttcaagg aaacaaagat tatcaccagg atgtgcgtaa taactttttg 1200
62 ccaccaatta ttgcacgttt tattagagtg aatcctaccc aatggcagca gaaaattgcc 1260
63 atgaaaatgg agctgctcgg atgtcagttt attcctaaag gtctgctctc aaaacttact 1320
64 caacctccac ctctctcgga cagcaatgac ctcaaaaaa ctacagcccc tccaaaaata 1380
65 gccaaagggtc gtgccccaaa atttacgcaa cactacaac ctgcagtag caatgaattt 1440
66 cctgcacaga cagaacaaac aactgccagt cctgatatca gaaatactac cgtaactcca 1500
67 aatgtaacca aagatgtagc gctggctgca gttcttgtcc ctgtgctggg catggctctc 1560
68 actactctca ttctcatatt agtgtgtgct tggcactgga gaaacagaaa gaaaaaaact 1620
69 gaaggcacct atgacttacc ttactgggac cgggcagggt ggtggaaagg aatgaagcag 1680
70 tttcttctctg caaaagcagt ggaccatgag gaaaccccag ttgcctatag cagcagcgaa 1740
71 gttaatacacc tgagtccaag agaagtcacc acagtgtctg aggtgactc tgcagagtat 1800
72 gctcagccac tggtaggagg aattgttggg acacttcac aaagatctac ctttaaacca 1860
73 gaagaaggaa aagaagcagg ctatgcagac ctagatcctt acaactcacc agggcaggaa 1920
74 gtttatcatg cctatgtctg accactccca attacggggc ctgagtatgc aaccccaatc 1980
75 atcatggaca tgtcagggca ccccaacaact tcagttgggc agccctccac atccactttc 2040
76 aaggctacgg ggaaccaacc tccccacta gtgggaactt acaatacact tctctccagg 2100
77 actgacagct gctcctcagc ccaggccag tatgataccc cgaaagctgg gaagccagg 2160
78 ctacctgccc cagacgaatt ggtgtaccag gtgccacaga gcacacaaga agtatcagga 2220
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81 <210> SEQ ID NO: 2

82 <211> LENGTH: 2190

83 <212> TYPE: DNA

84 <213> ORGANISM: Homo sapiens

86 <400> SEQUENCE: 2

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88 cagcaagggtg atggatgtgg acacactgta ctaggccctg agagtggaa ccttacatcc 120
89 ataaactacc cacagacctt tcccaacagc actgtttgtg aatgggagat ccgtgtaaag 180
90 atgggagaga gagttcgcat caaatltggg gactttgaca ttgaagattc tgattcttgt 240
91 cactttaatt acttgagaat ttataatgga attggagtca gcagaactga aataggcaaa 300
92 tactgtgggtc tgggggttgc aatgaacct tcaattgaat caaaaggcaa tgaaatcaca 360
93 ttgctgttca tgagtggaa ccatgtttct ggacgcggat ttttggcctc atactctgtt 420
94 atagataaac aagatctaata tacttgtttg gacactgcat ccaatttttt ggaacctgag 480
95 tttagtaagt actgcccagc tggttgtctg ctcccttttg ctgagatata tggaaacaatt 540
96 cctcatggat atagagattc ctgcaccattg tgcatggctg gtgtgcatgc aggagtagtg 600
97 tcaaacacgt tgggcggcca aatcagtgtt gtaattagta aaggatttcc ctattatgaa 660
98 agttcttttg ctaacaacgt cacatctgtg gtgggacact tatctacaag tctttttaca 720
99 tttaagacaa gtggatgtta tggaaactg gggatggagt ctggtgtgat cgcggatcct 780
100 caaataacag catcatctgt gctggagtgg actgaccaca cagggcaaga gaacagttgg 840
101 aaacccaaaa aagccaggct gaaaaaacct ggaccgcctt gggctgcttt tgccactgat 900
102 gaataccagt ggttacaaat agatttgaat aaggaaaaga aaataacagg cattataacc 960
103 actggatcca ccatggtgga gcacaattac tatgtgtctg cctacagaat cctgtacagt 1020
104 gatgatgggc agaaatggac tgtgtacaga gagcctgggt tggagcaaga taagatattt 1080
105 caaggaaaca aagattatca ccaggatgtg cgtaataact ttttgccacc aattattgca 1140
106 cgtttttatta gagtgaatcc tacccaatgg cagcagaaaa ttgcatgaa aatggagctg 1200

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107 ctcgggatgtc agtttattcc taaagggtcgt cctccaaaac ttactcaacc tccacctcct 1260
108 cggaacagca atgacctcaa aaacactaca gcccctccaa aaatagccaa aggtcgtgcc 1320
109 ccaaaattta cgcaaccact acaacctcgc agtagcaatg aatttctctgc acagacagaa 1380
110 caaacaactg ccagtcctga tctcagaaat actaccgtaa ctccaaatgt aaccaaagat 1440
111 gtagcgtggt ctgcagttct tgtccctgtg ctgggtcatg tctcactac tctcattctc 1500
112 atattagtgt gtgcttgga ctggagaaac agaaagaaaa aaactgaagg cacctatgac 1560
113 ttaccttact gggaccgggc aggttggtgg aaaggaatga agcagtttct tcttgcaaaa 1620
114 gcagtggacc atgaggaaac ccagttcgc tatagcagca gcgaagttaa tcacctgagt 1680
115 ccaagagaag tcaccacagt gctgcaggct gactctgcag agtatgctca gccactggtg 1740
116 ggaggaattg ttggtacact tcatcaaaga tctaccttta aaccagaaga aggaaaagaa 1800
117 gcaggctatg cagacctaga tctttacaac tcaccagggc aggaagttaa tcatgcctat 1860
118 gctgaaccac tcccaattac ggggcctgag tatgcaaccc caatcatcat ggacatgtca 1920
119 gggcacccca caacttcagt tggtcagccc tccacatcca ctttcaaggc tacggggaac 1980
120 caacctcccc cactagtggg aacttacaat acacttctct ccaggactga cagctgctcc 2040
121 tcagcccagg cccagtatga taccgccaaa gctgggaagc caggtctacc tgcccagac 2100
122 gaattggtgt accaggtgcc acagagcaca caagaagtat caggagcagg aagggatggg 2160
123 gaatgtgatg tttttaaaga aatcctttga                2190

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125 <210> SEQ ID NO: 3

126 <211> LENGTH: 729

127 <212> TYPE: PRT

128 <213> ORGANISM: Homo sapiens

130 <400> SEQUENCE: 3

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131 Met Pro Leu Phe Leu Leu Leu Leu Leu Val Leu Leu Leu Leu Leu Glu
132 1          5          10          15
134 Asp Ala Gly Ala Gln Gln Gly Asp Gly Cys Gly His Thr Val Leu Gly
135          20          25          30
137 Pro Glu Ser Gly Thr Leu Thr Ser Ile Asn Tyr Pro Gln Thr Tyr Pro
138          35          40          45
140 Asn Ser Thr Val Cys Glu Trp Glu Ile Arg Val Lys Met Gly Glu Arg
141          50          55          60
143 Val Arg Ile Lys Phe Gly Asp Phe Asp Ile Glu Asp Ser Asp Ser Cys
144 65          70          75          80
146 His Phe Asn Tyr Leu Arg Ile Tyr Asn Gly Ile Gly Val Ser Arg Thr
147          85          90          95
149 Glu Ile Gly Lys Tyr Cys Gly Leu Gly Leu Gln Met Asn His Ser Ile
150          100          105          110
152 Glu Ser Lys Gly Asn Glu Ile Thr Leu Leu Phe Met Ser Gly Ile His
153          115          120          125
155 Val Ser Gly Arg Gly Phe Leu Ala Ser Tyr Ser Val Ile Asp Lys Gln
156          130          135          140
158 Asp Leu Ile Thr Cys Leu Asp Thr Ala Ser Asn Phe Leu Glu Pro Glu
159 145          150          155          160
161 Phe Ser Lys Tyr Cys Pro Ala Gly Cys Leu Leu Pro Phe Ala Glu Ile
162          165          170          175
164 Ser Gly Thr Ile Pro His Gly Tyr Arg Asp Ser Ser Pro Leu Cys Met
165          180          185          190
167 Ala Gly Val His Ala Gly Val Val Ser Asn Thr Leu Gly Gly Gln Ile
168          195          200          205
170 Ser Val Val Ile Ser Lys Gly Ile Pro Tyr Tyr Glu Ser Ser Leu Ala

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245 Tyr Asn Ser Pro Gly Gln Glu Val Tyr His Ala Tyr Ala Glu Pro Leu
246      610                      615                      620
248 Pro Ile Thr Gly Pro Glu Tyr Ala Thr Pro Ile Ile Met Asp Met Ser
249 625                      630                      635                      640
251 Gly His Pro Thr Thr Ser Val Gly Gln Pro Ser Thr Ser Thr Phe Lys
252                      645                      650                      655
254 Ala Thr Gly Asn Gln Pro Pro Pro Leu Val Gly Thr Tyr Asn Thr Leu
255                      660                      665                      670
257 Leu Ser Arg Thr Asp Ser Cys Ser Ser Ala Gln Ala Gln Tyr Asp Thr
258                      675                      680                      685
260 Pro Lys Ala Gly Lys Pro Gly Leu Pro Ala Pro Asp Glu Leu Val Tyr
261      690                      695                      700
263 Gln Val Pro Gln Ser Thr Gln Glu Val Ser Gly Ala Gly Arg Asp Gly
264 705                      710                      715                      720
266 Glu Cys Asp Val Phe Lys Glu Ile Leu
267                      725
269 <210> SEQ ID NO: 4
270 <211> LENGTH: 300
271 <212> TYPE: DNA
272 <213> ORGANISM: Homo sapiens
274 <400> SEQUENCE: 4
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276 gtggaaagga atgaagcagt ttcttcctgc aaaagcagtg gaccatgagg aaaccccagt 120
277 tcgctatagc agcagcgaag ttaatcacct gagtccaaga gaagtcacca cagtgtctgca 180
278 ggctgactct gcagagtatg ctcagccact ggtaggagga attgttggtg cacttcatca 240
279 aagatctacc tttaaaccag aagaaggaaa agaagcaggc tatgcagacc tagatcctta 300
281 <210> SEQ ID NO: 5
282 <211> LENGTH: 99
283 <212> TYPE: PRT
284 <213> ORGANISM: Homo sapiens
286 <400> SEQUENCE: 5
287 Asn Arg Lys Lys Lys Thr Glu Gly Thr Tyr Asp Leu Pro Tyr Trp Asp
288 1                      5                      10                      15
290 Arg Ala Gly Trp Trp Lys Gly Met Lys Gln Phe Leu Pro Ala Lys Ala
291      20                      25                      30
293 Val Asp His Glu Glu Thr Pro Val Arg Tyr Ser Ser Ser Glu Val Asn
294      35                      40                      45
296 His Leu Ser Pro Arg Glu Val Thr Thr Val Leu Gln Ala Asp Ser Ala
297      50                      55                      60
299 Glu Tyr Ala Gln Pro Leu Val Gly Gly Ile Val Gly Thr Leu His Gln
300 65                      70                      75                      80
302 Arg Ser Thr Phe Lys Pro Glu Glu Gly Lys Glu Ala Gly Tyr Ala Asp
303      85                      90                      95
305 Leu Asp Pro
308 <210> SEQ ID NO: 6
309 <211> LENGTH: 275
310 <212> TYPE: DNA
311 <213> ORGANISM: Homo sapiens
313 <400> SEQUENCE: 6

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/060,830

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L:8 M:270 C: Current Application Number differs, Replaced Current Application No

L:8 M:271 C: Current Filing Date differs, Replaced Current Filing Date



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Team: OIPEBackFileIndexing
Dossier: 10060830

Legal Date: 05-10-2002

No.	Doccode	Number of pages
1	LET.	4
2	OATH	4

Total number of pages: 8

Remarks:

Order of re-scan issued on